

Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
(Use several sheets if necessary)

Docket Number (Optional) A1669cip

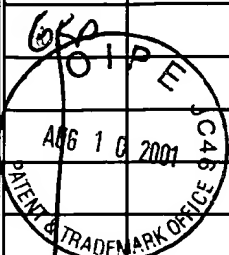
Application Number 09/855,403

Applicant Johnson et al.

Filing Date 05/15/01

Group Art Unit unknown

**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	RULING DATE IF APPROPRIATE
	4,911,157	03/27/90	Miller			
	4,823,784	04/25/89	Bordoni et al.			
	4,660,547	04/28/87	Kremer, Jr.			
	4,657,007	04/14/87	Carlin et al.			
	4,560,519	12/24/85	Cerny			
	4,534,343	08/13/85	Nowacki et al.			
	4,396,015	08/02/83	Johnson			
	4,268,460	05/19/81	Boiarski et al.			
	4,259,951	04/07/81	Chernack et al.			
	4,253,468	03/03/81	Lehmbeck			
	4,231,973	11/04/80	Young et al.			
	4,210,155	07/01/80	Grimes			
	4,113,809	09/12/78	Abair et al.			
	4,100,235	07/11/78	Thornwald			
	4,094,317	06/13/78	Wasnich			
	4,061,698	12/06/77	Thornwald			
	4,007,238	02/08/77	Glenn			
	3,826,255	07/30/74	Havstad et al.			
	3,769,973	11/06/73	Esbenshade, Jr.			
	3,762,409	10/02/73	Lester			
	Re. 33,642	07/23/91	Lester			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER <i>Dawson</i>	DATE CONSIDERED <i>10-28-02</i>
---------------------------	------------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

RECEIVED  
JUL 1 2 2001  
TECHNICAL ROOM

Form PTO-1449

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional) A1669cip

Application Number 09/855,403

Applicant Johnson et al.

Filing Date 05/15/01

Group Art Unit unknown

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	RULING DATE IF APPROPRIATE
Colin	5,431,154	07/11/95	Seigel et al.			
	5,415,161	05/16/95	Ryder			
	5,396,883	03/14/95	Knupp et al.			
	5,388,571	02/14/95	Roberts et al.			
	5,379,760	01/10/95	Ryder			
	5,357,945	10/25/94	Messina			
	5,299,565	04/05/94	Brown			
	5,297,543	03/29/94	Larson et al.			
	5,287,847	02/22/94	Piper et al.			
	5,277,175	01/11/94	Riggs et al.			
	5,241,954	09/07/93	Glenn			
	5,235,969	08/17/93	Bellm			
	5,209,225	05/11/93	Glenn			
	5,178,138	01/12/93	Walstrom et al.			
	5,170,782	12/15/92	Kocinski			
	5,099,833	03/31/92	Michaels			
	5,086,765	02/11/92	Levine			
	5,062,419	11/05/91	Rider			
	5,036,840	08/06/91	Wallace			
	5,027,809	07/02/91	Robinson			
	5,020,530	06/04/91	Miller			
	4,951,661	08/28/90	Sladek			
	4,938,209	07/03/90	Fry			

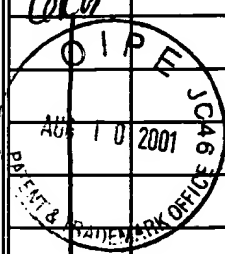
## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER Dawson	DATE CONSIDERED 10/28/02
--------------------	-----------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



RECEIVED  
AUG 10 2001  
MAIL ROOM

Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
(Use several sheets if necessary)
Docket Number (Optional) **A1669cip**Application Number **09/855,403**Applicant **Johnson et al.**Filing Date **05/15/01**Group Art Unit **unknown****U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	RULING DATE IF APPROPRIATE
<i>QEL</i>	5,797,389	08/25/98	Ryder			
	5,782,232	07/21/98	Rowland			
	5,775,320	07/07/98	Patton et al.			
	5,752,502	05/19/98	King			
	5,738,086	04/14/98	McMahon et al.			
	5,727,542	03/17/98	King			
	5,704,344	01/06/98	Cole			
	5,685,291	11/11/97	Marsh			
	5,653,223	08/05/97	Pruitt			
	5,613,489	03/25/97	Miller et al.			
	5,598,835	02/04/97	von Schrader			
	5,596,982	01/28/97	Blaha-Schnabel			
	5,586,551	12/24/96	Hilliard			
	5,584,285	12/17/96	Salter et al.			
	5,579,757	12/03/96	McMahon et al.			
	5,570,682	11/05/96	Johnson			
	5,546,930	08/20/96	Wikefeldt			
	5,513,626	05/07/96	Hamilton			
	5,520,167	05/28/96	Hamilton			
	5,503,139	04/02/96	McMahon et al.			
	5,479,920	01/02/96	Piper et al.			
	5,477,849	12/26/95	Fry			
	5,458,135	10/17/95	Patton et al.			

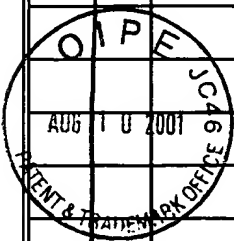
**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER <i>Dawson</i>	DATE CONSIDERED <i>10.28.02</i>
---------------------------	------------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to the applicant.



RECEIVED  
JUL 6 2001  
TC 870 MAIL ROOM

Application Number 09/855,403

Applicant **Johnson et al.**

Filing Date 05/15/01

**Group Art Unit unknown**

[illegible]

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

**EXAMINER**

**DATE CONSIDERED**

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449

Docket Number (Optional) A1669cip

Application Number 09/855,403

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
(Use several sheets if necessary)

Applicant Johnson et al.

Filing Date 05/15/01

Group Art Unit 3761

**U. S. PATENT DOCUMENTS**

EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	RULING DATE IF APPROPRIATE
On	4,911,157	03/27/90	Miller			
	4,823,784	04/25/89	Bordoni et al.			
	4,660,547	04/28/87	Kremer, Jr.			
	4,657,007	04/14/87	Carlin et al.			
	4,560,519	12/24/85	Cerny			
	4,534,343	08/13/85	Nowacki et al.			
	4,396,015	08/02/83	Johnson			
	4,268,460	05/19/81	Boiarski et al.			
	4,259,951	04/07/81	Chernack et al.			
	4,253,468	03/03/81	Lehmbeck			
	4,231,973	11/04/80	Young et al.			
	4,210,155	07/01/80	Grimes			
	4,113,809	09/12/78	Abair et al.			
	4,100,235	07/11/78	Thornwald			
	4,094,317	06/13/78	Wasnich			
	4,061,698	12/06/77	Thornwald			
	4,007,238	02/08/77	Glenn			
	3,826,255	07/30/74	Havstad et al.			
	3,769,973	11/06/73	Esbenshade, Jr.			
	3,762,409	10/02/73	Lester			
	Re. 33,642	07/23/91	Lester			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER	DATE CONSIDERED
Dawson	10-28-02

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449

Docket Number (Optional) A1669cip

Application Number 09/855,403

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
(Use several sheets if necessary)

Applicant Johnson et al.

Filing Date 05/15/01

Group Art Unit 3761

**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	RULING DATE IF APPROPRIATE
<i>6/2/01</i>	5,431,154	07/11/95	Seigel et al.			
	5,415,161	05/16/95	Ryder			
	5,396,883	03/14/95	Knupp et al.			
	5,388,571	02/14/95	Roberts et al.			
	5,379,760	01/10/95	Ryder			
	5,357,945	10/25/94	Messina			
	5,299,565	04/05/94	Brown			
	5,297,543	03/29/94	Larson et al.			
	5,287,847	02/22/94	Piper et al.			
	5,277,175	01/11/94	Riggs et al.			
	5,241,954	09/07/93	Glenn			
	5,235,969	08/17/93	Bellm			
	5,209,225	05/11/93	Glenn			
	5,178,138	01/12/93	Walstrom et al.			
	5,170,782	12/15/92	Kocinski			
	5,099,833	03/31/92	Michaels			
	5,086,765	02/11/92	Levine			
	5,062,419	11/05/91	Rider			
	5,036,840	08/06/91	Wallace			
	5,027,809	07/02/91	Robinson			
	5,020,530	06/04/91	Miller			
	4,951,661	08/28/90	Sladek			
	4,938,209	07/03/90	Fry			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER <i>Dawson</i>	DATE CONSIDERED <i>10.28.01</i>
---------------------------	------------------------------------

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-440

Docket Number (Optional) A1669cip

Application Number 09/855,403

## INFORMATION DISCLOSURE CITATION

## AN APPLICATION

(Use several sheets if necessary)

Applicant Johnson et al.

Filing Date 05/15/01

Group Art Unit 3761

## U. S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	RULING DATE IF APPROPRIATE
10/2	5,797,389	08/25/98	Ryder			
	5,782,232	07/21/98	Rowland			
	5,775,320	07/07/98	Patton et al.			
	5,752,502	05/19/98	King			
	5,738,086	04/14/98	McMahon et al.			
	5,727,542	03/17/98	King			
	5,704,344	01/06/98	Cole			
	5,685,291	11/11/97	Marsh			
	5,653,223	08/05/97	Pruitt			
	5,613,489	03/25/97	Miller et al.			
	5,598,835	02/04/97	von Schrader			
	5,596,982	01/28/97	Blaha-Schnabel			
	5,586,551	12/24/96	Hilliard			
	5,584,285	12/17/96	Salter et al.			
	5,579,757	12/03/96	McMahon et al.			
	5,570,682	11/05/96	Johnson			
	5,546,930	08/20/96	Wikefeldt			
	5,513,626	05/07/96	Hamilton			
	5,520,167	05/28/96	Hamilton			
	5,503,139	04/02/96	McMahon et al.			
	5,479,920	01/02/96	Piper et al.			
	5,477,849	12/26/95	Fry			
	5,458,135	10/17/95	Patton et al.			

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
Dawson	10-28-02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

**Application Number** 09/855,403

Filing Date 05/15/01

Group Art Unit 3761

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

**EXAMINER**

**DATE CONSIDERED**

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to the applicant.